

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-266078

(43)Date of publication, of application : 28.09.1999

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|-------------|-----------|
| (51)Int.Cl. | H05K 3/42 |
| | H05K 3/46 |

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| (21)Application number : 10-067065 | (71)Applicant : IBIDEN CO LTD |
| (22)Date of filing : 17.03.1998 | (72)Inventor : ASAI MOTOO SHIMADA KENICHI |

(54) THROUGH-HOLE FILLING RESIN COMPOSITION AND MULTILAYER PRINTED WIRING BOARD**(57)Abstract:**

PROBLEM TO BE SOLVED: To provide a multilayer printed wiring board, in which a through-hole and a via hole are ensured of connection reliability by a method, wherein the metal particles contained in resin composition which is filled into a through-hole are prevented from subsiding, and the filler is restrained from shrinking upon curing.

SOLUTION: Interlayer resin insulating layers and conductor layers are alternately laminated on a board, and inner and outer conductor layers are connected together through via holes to form a build-up wiring layer for the formation of a multilayer printed wiring board, wherein a through-hole is provided to the board for electrically connecting the front and rear of the board together, a non-conductive filler which contains granular material is filled into the through-hole, a conductor layer is formed on the exposed surface of the filler in the through-hole, and the filler is composed of a granular material, resin, and inorganic ultramicroscopic powder.

LEGAL STATUS

[Date of request for examination] 05.03.2001

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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